UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

Filed	Filed by the Registrant 凶					
Filed	Filed by a Party other than the Registrant $\ \Box$					
Che	Check the appropriate box:					
\boxtimes	Preliminary Proxy Statement					
	Confidential, for Use of the Commission Only					
	Definitive Proxy Statement					
	Definitive Additional Materials					
	Soliciting Material Under Rule 14a-12					
NEXIMMUNE, INC. (Name of Registrant as Specified In Its Charter)						
	(Name of Person(s) Filing Proxy Statement, if other than the Registrant)					
Payr	nent of Filing Fee (Check the appropriate box):					
\boxtimes	No fee required.					
	Fee previously paid with preliminary materials.					
	Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.					



9119 Gaither Road Gaithersburg, MD 20877 [], 2023

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

To Our Stockholders:

You are cordially invited to attend a special meeting of stockholders of NexImmune, Inc., or the special meeting, to be held at [] EST on [], [], 2023. We have decided to hold the special meeting virtually via live webcast on the internet. We believe hosting a virtual special meeting enables greater stockholder attendance and participation from any location around the world, improves meeting efficiency and our ability to communicate effectively with our stockholders, and reduces the cost and environmental impact of the special meeting. You will be able to attend the special meeting, vote and submit your questions during the special meeting by visiting [www.virtualshareholdermeeting.com/[]]. You will not be able to attend the special meeting in person.

Details regarding the meeting, the business to be conducted at the meeting, and information about NexImmune that you should consider when you vote your shares are described in the accompanying proxy statement.

At the special meeting, we will ask stockholders to approve (i) an amendment to our sixth amended and restated certificate of incorporation, as amended, to effect a reverse stock split at a ratio of not less than 1-for-4 and not greater than 1-for-50, with the exact ratio to be set within that range at the discretion of our board of directors, or the Reverse Split; and (ii) the adjournment of the special meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt the first proposal.

We hope you will be able to attend the special meeting. Whether or not you plan to attend the special meeting, it is important that you cast your vote. You may vote over the Internet as well as by telephone or by mail. When you have finished reading the proxy statement, you are urged to vote in accordance with the instructions set forth in the proxy statement. We encourage you to vote by proxy so that your shares will be represented and voted at the meeting, whether or not you can attend.

Thank you for your continued support of NexImmune. We look forward to seeing you at the special meeting.

Sincerely,

Kristi Jones

President and Chief Executive Officer



9119 Gaither Road Gaithersburg, MD 20877 [], 2023

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

TIME: [] EST

DATE: [], 2023

ACCESS: The special meeting will be held virtually via live webcast on the Internet. You will be able to attend the special meeting, vote and submit your questions during the meeting by visiting [www.virtualshareholdermeeting.com/[]] and entering the 16-digit control number included in the [Notice of Internet Availability] or proxy card that you receive. For further information about the virtual special meeting, please see the questions and answers about the meeting beginning on page 4.

PURPOSES:

- 1. To approve an amendment to our sixth amended and restated certificate of incorporation, as amended, to effect a reverse stock split at a ratio of not less than 1-for-4 and not greater than 1-for-50, with the exact ratio to be set within that range at the discretion of our board of directors without further approval or authorization of our stockholders and with our board of directors able to elect to abandon such proposed amendment and not effect the reverse stock split authorized by stockholders, in its sole discretion, or the Reverse Split;
- 2. To approve the adjournment of the special meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt the Reverse Split proposal; and
- 3. To transact such other business that is properly presented at the special meeting and any adjournments or postponements thereof.

WHO MAY VOTE:

You may vote if you were the record owner of NexImmune common stock at the close of business on [], 2023. A list of stockholders of record will be available virtually during the special meeting and, during the 10 days prior to the special meeting, at our principal executive offices located at 9119 Gaither Road, Gaithersburg, MD 20877.

All stockholders are cordially invited to attend the special meeting. Whether you plan to attend the special meeting virtually or not, we urge you to vote and submit your proxy by the Internet, telephone or mail in order to ensure the presence of a quorum. You may change or revoke your proxy at any time before it is voted at the special meeting. If you participate in and vote your shares at the special meeting, your proxy will not be used.

BY ORDER OF OUR BOARD OF DIRECTORS

Kristi Jones

President and Chief Executive Officer

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Preliminary Proxy Statement—Subject to Completion

NexImmune, Inc. 9119 Gaither Road Gaithersburg, MD 20877

PROXY STATEMENT FOR NEXIMMUNE, INC. SPECIAL MEETING OF STOCKHOLDERS TO BE HELD ON [], 2023

This proxy statement, along with the accompanying notice of special meeting of stockholders, or the Notice, contains information about the special meeting of stockholders of NexImmune, Inc., including any adjournments or postponements of the special meeting. We are holding the special] EST on [], 2023. We have determined that the special meeting will be held virtually via live audio webcast on the Internet, with no physical in-person meeting. You will be able to attend the special meeting, vote and submit your questions during the special meeting

by visiting [www.virtualshareholdermeeting.com/[11. In this proxy statement, we refer to NexImmune, Inc. as "NexImmune," "the Company," "we" and "us."

This proxy statement relates to the solicitation of proxies by our board of directors for use at the special meeting.

], 2023, we intend to begin sending this proxy, the attached Notice and the enclosed proxy card to all stockholders On or about [entitled to vote at the special meeting.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE STOCKHOLDER MEETING TO BE HELD ON [], 2023

This proxy statement, the Notice and our form of proxy card are available for viewing, printing and downloading at www.ProxyVote.com. To view these materials please have your 16-digit control number(s) available that appears on your Notice or proxy card. On this website, you can also elect to receive future distributions of our proxy statements and annual reports to stockholders by electronic delivery.

IMPORTANT INFORMATION ABOUT THE SPECIAL MEETING AND VOTING

Why is the Company soliciting my proxy?

Our board of directors is soliciting your proxy to vote at the special meeting to be held virtually, at [] EST on [], 2023 and any adjournments or postponements of the meeting, which we refer to as the special meeting. This proxy statement, along with the accompanying Notice, summarizes the purposes of the meeting and the information you need to know to vote at the special meeting.

We have sent you this proxy statement, the Notice and the proxy card because you owned shares of our common stock on the record date. We intend to commence distribution of the proxy materials to stockholders on or about [], 2023.

Why are you holding a virtual special meeting?

The special meeting will be held in a virtual meeting format only. We have designed our virtual format to enhance, rather than constrain, stockholder access, participation and communication. For example, the virtual format allows stockholders to communicate with us in advance of, and during, the special meeting so they can ask questions of our board of directors or management, as time permits.

How do I access the virtual special meeting?

The live webcast of the special meeting will begin promptly at [] EST. Online access to the webcast will open 15 minutes prior to the start of the special meeting to allow time for you to log-in and test your device's audio system. The virtual special meeting is running the most updated version of the applicable software and plugins. You should ensure you have a strong Internet connection wherever you intend to participate in the special meeting. You should also allow plenty of time to log in and ensure that you can hear streaming audio prior to the start of the special meeting.

Log-in Instructions. To be admitted to the virtual special meeting, you will need to log-in at [www.virtualshareholdermeeting.com/[]] using the 16-digit control number found on the proxy card or voting instruction card previously mailed or made available to stockholders entitled to vote at the special meeting.

Will I be able to ask questions and have these questions answered during the virtual special meeting?

Stockholders may submit questions for the special meeting after logging in. If you wish to submit a question, you may do so by logging into the virtual meeting platform at [www.virtualshareholdermeeting.com/[]], typing your question into the "Ask a Question" field, and clicking "Submit." Please submit any questions before the start time of the meeting. Appropriate questions related to the business of the special meeting (the proposals being voted on) will be answered during the special meeting as time permits. Additional information regarding the ability of stockholders to ask questions during the special meeting, related to rules of conduct and other materials for the special meeting will be available at [www.virtualshareholdermeeting.com/[]].

What happens if there are technical difficulties during the special meeting?

Beginning 15 minutes prior to, and during, the special meeting, we will have technicians ready to assist you with any technical difficulties you may have accessing the virtual special meeting, voting at the special meeting or submitting questions at the special meeting. If you encounter any difficulties accessing the virtual special meeting during the check-in or meeting time, please call the technical support line available at [www.virtualshareholdermeeting.com/[]].

Who may vote?

Only stockholders of record at the close of business on [], 2023 will be entitled to vote at the special meeting. On this record date, there were [] shares of our common stock outstanding and entitled to vote. Our common stock is our only class of voting stock.

If on [], 2023 your shares of our common stock were registered directly in your name with our transfer agent, Computershare, then you are a stockholder of record.

If on [], 2023 your shares were held, not in your name, but rather in an account at a brokerage firm, bank, dealer or other similar organization, then you are the beneficial owner of shares held in "street name" and the Notice is being forwarded to you by that organization. The organization holding your account is considered to be the stockholder of record for purposes of voting at the special meeting. As a beneficial owner, you have the right to direct your broker or other agent regarding how to vote the shares in your account. You are also invited to attend the special meeting. However, since you are not the stockholder of record, you may not vote your shares at the special meeting unless you request and obtain a valid proxy from your broker or other agent.

You do not need to attend the special meeting to vote your shares. Shares represented by valid proxies, received in time for the special meeting and not revoked prior to the special meeting, will be voted at the special meeting. For instructions on how to change or revoke your proxy, see "May I change or revoke my proxy?" below.

How many votes do I have?

Each share of our common stock that you own entitles you to one vote.

How do I vote?

Whether you plan to attend the special meeting or not, we urge you to vote by proxy. All shares represented by valid proxies that we receive through this solicitation, and that are not revoked, will be voted in accordance with your instructions on the proxy card or as instructed via the Internet or telephone. You may specify whether your shares should be voted for, against or abstain with respect to each of the proposals. If you properly submit a proxy without giving specific voting instructions, your shares will be voted in accordance with our board of directors' recommendations as noted below. Voting by proxy will not affect your right to attend the special meeting.

If your shares are registered directly in your name through our stock transfer agent, Computershare, or you have stock certificates registered in your name, you may vote:

- By Internet or by telephone. Follow the instructions on the proxy card to vote over the Internet or by telephone.
- **By mail**. If you received a proxy card by mail, you can vote by mail by completing, signing, dating and returning the proxy card as instructed on the card. If you sign the proxy card but do not specify how you want your shares voted, they will be voted in accordance with our board of directors' recommendations as noted below.
- **During the meeting.** Whether you are a stockholder of record or hold your shares in "street name," you may participate in and vote online at the special meeting. You will need to enter your 16-digit control number to vote your shares at the special meeting. Please visit [www.virtualshareholdermeeting.com/[]] for instructions on how to attend the special meeting live over the Internet. To vote during the special meeting when the polls open use the "vote" button on the interface.

[

Telephone and Internet voting facilities for stockholders of record will be available 24 hours a day and will close at 11:59 p.m. EST on], 2023.

If your shares are held in "street name" (held in the name of a bank, broker or other holder of record), you will receive instructions from the holder of record. You must follow the instructions of the holder of record in order for your shares to be voted. Telephone and Internet voting also will be offered to stockholders owning shares through certain banks or brokers. If your shares are not registered in your own name and you plan to vote your shares at the special meeting, you should contact your broker or agent to obtain a legal proxy or broker's proxy card and vote your shares online at the time of the meeting.

How does our board of directors recommend that I vote on the proposals?

Our board of directors recommends that you vote as follows:

- **"FOR"** approval of an amendment to our sixth amended and restated certificate of incorporation, as amended, to effect a reverse stock split at a ratio of not less than 1-for-4 and not greater than 1-for-50, with the exact ratio to be set within that range at the discretion of our board of directors without further approval or authorization of our stockholders and with our board of directors able to elect to abandon such proposed amendment and not effect the reverse stock split authorized by stockholders, in its sole discretion, or the Reverse Split; and
- "FOR" the approval of an adjournment of the special meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt the first proposal.

If any other matter is presented at the special meeting, your proxy provides that your shares will be voted by the proxy holder listed in the proxy in accordance with the proxy holder's best judgment. At the time this proxy statement was first made available, we knew of no matters that needed to be acted on at the special meeting, other than those discussed in this proxy statement.

May I change or revoke my proxy?

If you give us your proxy, you may change or revoke it at any time before the special meeting. You may change or revoke your proxy in any one of the following ways:

- if you received a proxy card, by signing a new proxy card with a date later than your previously delivered proxy and submitting it as instructed above;
- by re-voting by Internet or by telephone as instructed above;
- · by notifying NexImmune's Secretary/Clerk in writing before the special meeting that you have revoked your proxy; or
- by attending the virtual special meeting and voting online at the meeting. Attending the special meeting will not in and of itself revoke a previously submitted proxy. You must specifically request at the special meeting that it be revoked.

Your most current vote, whether by telephone, Internet or proxy card is the one that will be counted.

What if I receive more than one proxy card?

You may receive more than one proxy card if you hold shares of our common stock in more than one account, which may be in registered form or held in street name. Please vote in the manner described above under "How do I vote?" for each account to ensure that all of your shares are voted.

Will my shares be voted if I do not vote?

If your shares are registered in your name or if you have stock certificates, they will not be counted if you do not vote as described above under "How do I vote?" If your shares are held in street name and you do not provide voting instructions to the bank, broker or other nominee that holds your shares as described above, the bank, broker or other nominee that holds your shares has the authority to vote your unvoted shares only on certain of the proposals set forth in this proxy statement without receiving instructions from you. Therefore, we encourage you to provide voting instructions to your bank, broker or other nominee. This ensures your shares will be voted at the special meeting and in the manner you desire. A "broker non-vote" will occur if your broker cannot vote your shares on a particular matter because it has not received instructions from you and does not have discretionary voting authority on that matter or because your broker chooses not to vote on a matter for which it does have discretionary voting authority.

What vote is required to approve each proposal and how are votes counted?

Proposal 1: Approve of the Reverse Stock Split

The affirmative vote of a majority of the votes cast affirmatively or negatively for this proposal is required to approve the Reverse Split proposal. Abstentions will have no effect on the results of this vote. Brokerage firms do not have authority to vote customers' unvoted shares held by the firms in street name on this proposal. As a result, any shares not voted by a customer will be treated as a broker non-vote. Such broker non-votes will have no effect on the result of this vote

Proposal 2: Approve Adjournment of Special Meeting

The affirmative vote of a majority of the votes cast affirmatively or negatively for this proposal is required to approve the adjournment of the special meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt the Reverse Split proposal. Abstentions will have no effect on the results of this vote. Brokerage firms do not have authority to vote customers' unvoted shares held by the firms in street name on this proposal. As a result, any shares not voted by a customer will be treated as a broker non-vote. Such broker non-votes will have no effect on the result of this vote.

Where can I find the voting results of the special meeting?

The preliminary voting results will be announced at the special meeting, and we will publish preliminary, or final results if available, in a Current Report on Form 8-K within four business days of the special meeting. If final results are unavailable at the time we file the Form 8-K, then we will file an amended report on Form 8-K to disclose the final voting results within four business days after the final voting results are known.

What are the costs of soliciting these proxies?

We will pay all of the costs of soliciting these proxies. Our directors and employees may solicit proxies in person or by telephone, fax or email. We will pay these employees and directors no additional compensation for these services. We will ask banks, brokers and other institutions, nominees and fiduciaries to forward these proxy materials to their principals and to obtain authority to execute proxies. We will then reimburse them for their expenses.

What constitutes a quorum for the special meeting?

The presence, in person or by proxy, of the holders of a majority of the voting power of all outstanding shares of our common stock entitled to vote at the special meeting is necessary to constitute a quorum at the

special meeting. Votes of stockholders of record who are present at the special meeting in person or by proxy, abstentions, and broker non-votes are counted for purposes of determining whether a quorum exists.

Attending the Special Meeting

The special meeting will be held in a virtual meeting format only. To attend the virtual special meeting, go to [www.virtualshareholdermeeting.com/[]] shortly before the meeting time, and follow the instructions for downloading the Webcast. You need not attend the special meeting in order to vote.

Householding of Disclosure Documents

Some brokers or other nominee record holders may be sending you, a single set of our proxy materials if multiple NexImmune stockholders live in your household. This practice, which has been approved by the SEC, is called "householding." Once you receive notice from your broker or other nominee record holder that it will be "householding" our proxy materials, the practice will continue until you are otherwise notified or until you notify them that you no longer want to participate in the practice. Stockholders who participate in householding will continue to have access to and utilize separate proxy voting instructions.

We will promptly deliver a separate copy of our Notice or if applicable, our proxy materials to you if you write or call our corporate secretary at: 9119 Gaither Road, Gaithersburg, MD 20877 or 301-825-9810. If you want to receive your own set of our proxy materials in the future or, if you share an address with another stockholder and together both of you would like to receive only a single set of proxy materials, you should contact your broker or other nominee record holder directly or you may contact us at the above address and phone number.

Electronic Delivery of Company Stockholder Communications

Most stockholders can elect to view or receive copies of future proxy materials over the Internet instead of receiving paper copies in the mail.

You can choose this option and save us the cost of producing and mailing these documents by Computershare:

- · following the instructions provided on your Notice or proxy card; or
- following the instructions provided when you vote over the Internet.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information with respect to the beneficial ownership of our common stock as of June 30, 2023 for (a) the executive officers named in the Summary Compensation Table included elsewhere in this proxy statement, (b) each of our directors and director nominees, (c) all of our current directors and executive officers as a group and (d) each stockholder known by us to own beneficially more than 5% of our common stock. Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to the securities. We deem shares of common stock that may be acquired by an individual or group within 60 days of June 30, 2023 pursuant to the exercise of options to be outstanding for the purpose of computing the percentage ownership of such individual or group, but those shares are not deemed to be outstanding for the purpose of computing the percentage ownership of any other person shown in the table. Except as indicated in footnotes to this table, we believe that the stockholders named in this table have sole voting and investment power with respect to all shares of common stock shown to be beneficially owned by them based on information provided to us by these stockholders. Percentage of ownership is based on 26,078,451 shares of common stock outstanding on June 30, 2023.

		Shares Beneficially Owned	
Name and Address of Beneficial Owner**	Number	Percent	
Five Percent Stockholders:			
B&S NexImmune Holdco LLC and Joshua Barer (1)	1,884,590	7.2%	
Louise Brady (2)	1,563,124	6.0%	
Robert E. Long Jr. (3)	1,510,664	5.8%	
Piedmont Capital Partners LLC (4)	1,381,938	5.3%	
Directors and executive officers:			
Sol J. Barer, Ph.D. (5)	2,454,505	9.3%	
Alan S. Roemer, M.B.A., M.P.H. (6)	293,853	1.1%	
Tim Bertram, Ph.D. (7)	185,189	*	
Paul D'Angio, R.P.H., M.S.J. (8)	134,837	*	
Zhengbin (Bing) Yao, Ph.D. (9)	106,990	*	
Grant Verstandig (10)	1,199,753	4.6%	
Leena Gandhi, M.D., Ph.D. (11)	33,727	*	
Kristi Jones (12)	428,644	1.6%	
John Trainer, M.B.A. (13)	195,744	*	
Mathias Oelke, Ph.D. (14)	255,704	1.0%	
All directors and current executive officers as a group (10) persons	5,288,946	20.1%	

- * Represents beneficial ownership of less than 1% of the outstanding shares of our common stock.
- ** Unless otherwise indicated, the address for each beneficial owner listed is c/o NexImmune, Inc., 9119 Gaither Road, Gaithersburg, MD 20877.
- (1) Consists of (a) 1,538,013 shares of our common stock held by B&S NexImmune Holdco, LLC, and (b) 346,577 shares of our common stock Joshua Barer. Joshua Barer is the sole manager of B&S NexImmune Holdco LLC and has sole voting and dispositive control over the shares held by B&S NexImmune Holdco LLC. Mr. Barer may be considered the beneficial owner of the shares held by B&S NexImmune Holdco LLC and disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein. Sol J. Barer, Ph.D., one of our directors and the father of Joshua Barer, is a member of Barer & Son Capital, LLC, which is a member of B&S NexImmune Holdco LLC, but Sol J. Barer, Ph.D. does not have voting or dispositive control over the shares held by B&S NexImmune Holdco LLC. The principal business address of B&S NexImmune Holdco LLC and Mr. Barer is 2 Barer Lane, Mendham, New Jersey 07945.
- (2) Consists of 1,563,124 shares of common stock owned by Ms. Brady.
- (3) Consists of 1,510,664 shares of common stock owned by Mr. Long.

- (4) Piedmont Capital Partners, LLC, a North Carolina limited liability company, has the right to receive dividends from, and the proceeds from the sale of, 1,381,938 shares of the common stock of the issuer over which Louise F. Brady has sole voting power. Piedmont Capital Partners, LLC, a North Carolina limited liability company, has the right to receive dividends from, and the proceeds from the sale of, 1,381,938 shares of the common stock of the issuer over which Robert E. Long, Jr. has the sole power of disposition. The principal business address of Piedmont Capital Partners, LLC is 300 North Greene Street, Suite 1750, Greensboro, North Carolina 27401. This information is based solely on a Schedule 13G filed by Louise F. Brady and Robert E. Long Jr. with the SEC on February 22, 2022 and February 14, 2022, respectively, which reported ownership as of December 31, 2021.
- (5) Consists of 2,217,814 shares of common stock and 236,691 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Dr. Barer. Does not include the securities held by B&S NexImmune Holdco LLC discussed in footnote 1, as Dr. Barer has no voting or dispositive control over such securities.
- (6) Consists of 195,641 shares of common stock and 98,212 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Mr. Roemer. Does not include the securities held by the Alan S. Roemer 2015 Family Trust, as Mr. Roemer has no voting or dispositive control over such securities.
- (7) Consists of 78,199 shares of common stock and 106,990 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Dr. Bertram.
- (8) Consists of 27,847 shares of common stock and 106,990 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Mr. D'Angio.
- (9) Consists of 12,634 shares of common stock and 94,356 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Dr. Yao.
- (10) Consists of 1,105,495 shares of common stock and 94,258 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Mr. Verstandig.
- (11) Consists of 33,727 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Ms. Gandhi.
- (12) Consists of 73,078 shares of common stock and 355,566 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Ms. Jones. Does not include 296,700 shares underlying restricted stock units that are unvested or will not vest within 60 days of June 30, 2023 held by Ms. Jones.
- (13) Consists of 61,769 shares of common stock and 133,975 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Mr. Trainer. Does not include 125,200 shares underlying restricted stock units that are unvested or will not vest within 60 days of June 30, 2023 held by Mr. Trainer. Mr. Trainer departed the Company effective as of September 2, 2023
- (14) Consists of 7,923 shares of common stock and 247,781 shares of common stock underlying options that are exercisable as of June 30, 2023 or will become exercisable within 60 days after such date held by Mr. Oelke. Does not include 126,100 shares underlying restricted stock units that are unvested or will not vest within 60 days of June 30, 2023 held by Mr. Oelke.

Proposal No. 1

APPROVAL OF REVERSE STOCK SPLIT

Our board of directors unanimously approved, subject to stockholder approval, a certificate of amendment to our sixth amended and restated certificate of incorporation, as amended, to effect a reverse stock split of our outstanding common stock by combining outstanding shares of common stock into a lesser number of outstanding shares of common stock at a ratio of not less than 1-for-4 and not more than 1-for-50, with the exact ratio to be set within this range by our board of directors at its sole discretion, or the Reverse Stock Split. In its sole discretion, the board of directors may alternatively elect to abandon such proposed certificate of amendment and not effect the Reverse Stock Split approved by stockholders. Upon the effectiveness of the certificate of amendment to our sixth amended and restated certificate of incorporation, as amended, effecting the Reverse Stock Split, each share of our common stock will be issued for a specified number of shares in accordance with the ratio for the Reverse Stock Split selected by our board of directors.

If our stockholders approve the Reverse Stock Split, our board of directors would have the sole discretion to effect the Reverse Stock Split and to fix the specific ratio for the Reverse Stock Split, provided that the ratio would be not less than 1-for-4 and not more than 1-for-50. We believe that enabling our board of directors to fix the specific ratio of the Reverse Stock Split within the stated range will provide us with the flexibility to implement the split in a manner designed to maximize the anticipated benefits to us and our stockholders, as described below. The determination of the ratio of the Reverse Stock Split will be based on a number of factors, described further below under the heading "—Criteria to be Used for Decision to Apply the Reverse Stock Split."

If our stockholders approve the Reverse Stock Split, the Reverse Stock Split would become effective upon the time specified in the certificate of amendment to our sixth amended and restated certificate of incorporation, as amended, as filed with the Secretary of State of the State of Delaware. The exact timing of the filing of the certificate of amendment and the Reverse Stock Split will be determined by our board of directors based on its evaluation as to when such action will be the most advantageous to us and our stockholders. In addition, our board of directors reserves the right, notwithstanding stockholder approval and without further action by our stockholders, to abandon the certificate of amendment and the Reverse Stock Split if, at any time prior to the filing of the certificate of amendment with the Secretary of State, our board of directors, in its sole discretion, determines that it is no longer in our best interest and the best interests of our stockholders to proceed.

The primary purpose for effecting the Reverse Stock Split is to increase the per-share trading price of our common stock to:

- maintain the listing of our common stock on the Nasdaq Capital Market ("Nasdaq") and avoid delisting of our common stock from Nasdaq in the future on the basis of the Bid Price Rule (as defined below);
- broaden the pool of investors that may be interested in investing in our company by attracting new investors who would prefer not to invest in shares that trade at lower share prices; and
- make our common stock a more attractive investment to institutional investors.

In evaluating whether to effect the Reverse Stock Split, our Board of Directors has and will continue to consider negative factors associated with reverse stock splits. These factors include the negative perception of reverse stock splits held by many investors, analysts, and other stock market participants and the fact that the stock price of some companies that have effected reverse stock splits has subsequently declined back to pre-reverse stock split levels. In recommending the Reverse Stock Split, our board of directors determined that the potential benefits significantly outweighed these potential negative factors.

Criteria to be Used for Decision to Apply the Reverse Stock Split

If our stockholders approve the Reverse Stock Split, our board of directors will be authorized to proceed with the Reverse Stock Split. The exact ratio of the Reverse Stock Split, within the 1-for-4 to 1-for-50 range,

would be determined by our board of directors and publicly announced by us prior to the effective time of the Reverse Stock Split. In determining whether to proceed with the Reverse Stock Split and setting the appropriate ratio for the Reverse Stock Split, our board of directors will consider, among other things, factors such as:

- Nasdaq's minimum price per share requirements;
- the historical trading prices and trading volume of our common stock;
- the then-prevailing and expected trading prices and trading volume of our common stock and the anticipated impact of the Reverse Stock Split on the trading market for our common stock;
- the anticipated impact of a particular ratio on our ability to reduce administrative and transactional costs;
- business developments affecting us; and
- prevailing general market and economic conditions.

Reasons for the Reverse Stock Split

Our board of directors is seeking authority to effect the Reverse Stock Split with the primary intent of increasing the price of our common stock to meet the price criteria for continued listing on Nasdaq. Our common stock is publicly traded and listed on Nasdaq under the symbol "NEXI." Our board of directors believes that, in addition to increasing the price of our common stock to meet the price criteria for continued listing on Nasdaq, the Reverse Stock Split would also make our common stock more attractive to a broader range of institutional and other investors. Accordingly, for these and other reasons discussed below, we believe that effecting the Reverse Stock Split is in the Company's and the stockholders' best interests.

On October 25, 2022, we received a deficiency letter from the Listing Qualifications Department, or the Staff, of Nasdaq notifying us that because the closing bid price of our common stock was below \$1.00 for 30 consecutive days, the Company no longer met the bid price requirement under Nasdaq rules, or the Bid Price Requirement. Pursuant to Nasdaq Listing Rule 5810(c)(3)(A), or the Compliance Period Rule, we had an initial period of 180 calendar days, or until April 24, 2023, or the Compliance Date, to regain compliance with the Bid Price Requirement. To regain compliance, the closing bid price of our common stock must meet or exceed \$1.00 per share for a minimum of 10 consecutive business days as required under the Compliance Period Rule (unless the Staff exercises its discretion to extend this ten-day period pursuant to Nasdaq Listing Rule 5810(c)(3)(H)). We did not regain compliance with the Bid Price Requirement by the Compliance Date and, as a result, on April 25, 2023, we received notice from the Staff that the Company had been granted a 180-day extension to October 23, 2023 to regain compliance with the Bid Price Requirement.

In the event we are delisted from Nasdaq, the only established trading market for our common stock would be eliminated, and we would be forced to list our shares on the OTC Markets or another quotation medium, depending on our ability to meet the specific listing requirements of those quotation systems. As a result, an investor would likely find it more difficult to trade or obtain accurate price quotations for our shares. Delisting would likely also reduce the visibility, liquidity, and value of our common stock, reduce institutional investor interest in our company, and may increase the volatility of our common stock. Delisting could also cause a loss of confidence of potential industry partners, lenders, and employees, which could further harm our business and our future prospects. We believe that effecting the Reverse Stock Split may help us avoid delisting from Nasdaq and any resulting consequences.

In addition, our board of directors believes that the increase in the market price of our common stock that will result from the Reverse Stock Split could encourage investor interest and improve the marketability of our common stock to a broader range of investors, and thus enhance our liquidity. Because of the trading volatility often associated with low-priced stocks, many brokerage firms and institutional investors have internal policies and practices that either prohibit them from investing in low-priced stocks or tend to discourage individual

brokers from recommending low-priced stocks to their customers. Additionally, because brokers' commissions on low-priced stocks generally represent a higher percentage of the stock price than commissions on higher-priced stocks, the current share price of our common stock may result in an investor paying transaction costs that represent a higher percentage of total share value than would be the case if our share price were higher. Our board of directors believes that the higher share price that may result from the Reverse Stock Split could enable institutional investors and brokerage firms with such policies and practices to invest in our common stock.

The Reverse Stock Split may not result in a permanent increase in the market price of our common stock, which will continue to be dependent on many factors, including general economic, market and industry conditions and other factors detailed from time to time in the reports we file with the SEC.

Certain Risks Associated with the Reverse Stock Split

There can be no assurance that the total market capitalization of our common stock after the implementation of the Reverse Stock Split will be equal to or greater than the total market capitalization before the Reverse Stock Split. Also, we cannot assure you that the Reverse Stock Split will lead to a sustained increase in the trading price of our common stock. The trading price of our common stock may change due to a variety of other factors, including our ability to successfully accomplish our business goals, market conditions, and the market perception of our business. You should also keep in mind that the implementation of the Reverse Stock Split does not have an effect on the actual or intrinsic value of our business or a stockholder's proportional ownership in our company (subject to the treatment of fractional shares). However, should the overall value of our common stock decline after the proposed Reverse Stock Split, then the actual or intrinsic value of the shares of our common stock held by you will also proportionately decrease as a result of the overall decline in value.

While our board of directors has proposed the Reverse Stock Split to bring the price of our common stock back above \$1.00 per share to meet the requirements for the continued listing of our common stock on Nasdaq, there is no guarantee that the price of our common stock will not decrease in the future, or that our common stock will remain in compliance with Nasdaq listing standards. Additionally, there can be no guarantee that the closing bid price of our common stock will remain at or above \$1.00 for 10 consecutive trading days, whether following the Reverse Stock Split or otherwise, which is required to cure our current Nasdaq listing standard deficiency.

Further, the liquidity of our common stock may be harmed by the Reverse Stock Split given the reduced number of shares that would be outstanding after the Reverse Stock Split, particularly if the expected increase in stock price as a result of the Reverse Stock Split is not sustained. For instance, the Reverse Stock Split may increase the number of stockholders who own odd lots (less than 100 shares) of our common stock, creating the potential for such stockholders to experience an increase in the cost of selling their shares and greater difficulty effecting sales. If we effect the Reverse Stock Split, the resulting per-share stock price may nevertheless fail to attract institutional investors and may not satisfy the investing guidelines of such investors and, consequently, the trading liquidity of our common stock may not improve.

Effect of the Reverse Stock Split

If our stockholders approve the Reverse Stock Split and our board of directors elects to effect the Reverse Stock Split, we would adjust and proportionately decrease the number of shares of our common stock reserved for issuance upon exercise of, and adjust and proportionately increase the exercise price of, all options and warrants and other rights to acquire our common stock. In addition, as of the effective time of the Reverse Stock Split, we would adjust and proportionately decrease the total number of shares of our common stock that may be the subject of the future grants under our stock plans.

The Reverse Stock Split would be effected simultaneously for all outstanding shares of our common stock. The Reverse Stock Split would affect all of our stockholders uniformly and would not change any stockholder's percentage ownership interest in our company, except to the extent that the Reverse Stock Split results in any of

our stockholders owning fractional shares. We will not issue any fractional shares as a result of the Reverse Stock Split, and in lieu thereof any stockholders that would otherwise be entitled to receive a fractional share will be entitled to a cash payment. The Reverse Stock Split would not change the terms of our common stock. The Reverse Stock Split is not intended as, and would not have the effect of, a "going private transaction" covered by Rule 13e-3 under the Exchange Act. Following the Reverse Stock Split, we would continue to be subject to the periodic reporting requirements of the Exchange Act.

After the effective time of the Reverse Stock Split, our common stock will have a new Committee on Uniform Securities Identification Procedures, or CUSIP, number, which is a number used to identify our equity securities, and stock certificates with the older CUSIP numbers will need to be exchanged for stock certificates with the new CUSIP numbers by following the procedures described below.

Our directors and executive officers have no substantial interests, directly or indirectly, in the matters set forth in the Reverse Stock Split, except to the extent of their ownership in shares of our common stock and securities exercisable for our common stock, which shares and securities would be subject to the same proportionate adjustment in accordance with the terms of the Reverse Stock Split as all other outstanding shares of our common stock and securities exercisable for our common stock.

Authorized Shares of Common Stock

We are currently authorized under our sixth amended and restated certificate of incorporation, as amended, to issue up to a total of 260,000,000 shares of capital stock, comprised of 250,000,000 shares of common stock and 10,000,000 shares of preferred stock. While the Reverse Stock Split would decrease the number of outstanding shares of our common stock, it would not change the number of authorized shares under our sixth amended and restated certificate of incorporation, as amended. Consequently, the Reverse Stock Split would have the effect of increasing the number of shares of common stock available for issuance under our sixth amended and restated certificate of incorporation, as amended. Our board of directors believes that such an increase is in our and our stockholders' best interests as it would provide us with greater flexibility to issue shares of common stock in connection with possible future financings as under our equity incentive plans and for other general corporate purposes.

By increasing the number of authorized but unissued shares of common stock, the Reverse Stock Split could, under certain circumstances, have an anti-takeover effect, although this is not the intent of our board of directors. For example, our board of directors might be able to delay or impede a takeover or transfer of control of our company by causing such additional authorized but unissued shares to be issued to holders who might side with our board of directors in opposing a takeover bid that the board of directors determines is not in the best interests of our Company or our stockholders. The Reverse Stock Split could therefore have the effect of discouraging unsolicited takeover attempts. By potentially discouraging initiation of any such unsolicited takeover attempts the Reverse Stock Split could limit the opportunity for our stockholders to dispose of their shares at the higher price generally available in takeover attempts or that may be available under a merger proposal. The Reverse Stock Split could have the effect of permitting our current management, including our current board of directors, to retain its position, and place it in a better position to resist changes that stockholders may wish to make if they are dissatisfied with the conduct of our business. However, our board of directors is not aware of any attempt to take control of our company and the board of directors did not authorize the Reverse Stock Split with the intent that it be utilized as a type of antitakeover device.

Procedure for Effecting a Reverse Stock Split and Exchange of Stock Certificates

If stockholders approve the Reverse Stock Split, and if our board of directors determines to effect the Reverse Stock Split (with the ratio to be determined in the discretion of the board within the parameters described), we will file with the Secretary of State of the State of Delaware a certificate of amendment to our sixth amended and restated certificate of incorporation, as amended, in the form attached hereto as Appendix A,

or the Certificate of Amendment, reflecting such reverse stock split ratio determined by the board of directors. The Reverse Stock Split will become effective at the time and on the date of filing of, or at such later time as is specified in, the Certificate of Amendment, which we refer to as the "effective time" and the "effective date," respectively. The effective time of the Certificate of Amendment shall be determined in the discretion of our board of directors and in accordance with applicable law. Beginning at the effective time, each certificate representing shares of common stock will be deemed for all corporate purposes to evidence ownership of the number of whole shares into which the shares previously represented by the certificate were combined pursuant to the Reverse Stock Split.

Our board of directors has approved the amendment to our sixth amended and restated certificate of incorporation, as amended. The ratio of the Reverse Stock Split, within the parameters described, and the implementation and timing of such Reverse Stock Split shall be determined in the discretion of our board of directors.

If the Reverse Stock Split is implemented, our transfer agent will advise registered stockholders of the procedures to be followed to exchange certificates in a letter of transmittal to be sent to stockholders. No written confirmations will be issued to a stockholder until the stockholder has surrendered the stockholder's outstanding certificate(s), together with the properly completed and executed letter of transmittal, to our transfer agent. Any old shares submitted for transfer, whether pursuant to a sale, other disposition or otherwise, will automatically be exchanged for new shares. Our common stock will also receive a new CUSIP number.

Certain of our registered stockholders hold some or all of their shares electronically in book-entry form with our transfer agent. These stockholders do not hold physical certificates evidencing their ownership of our common stock. However, they are provided with a statement reflecting the number of shares of our common stock registered in their accounts. If a stockholder holds shares of common stock in book-entry form with our transfer agent, no action needs to be taken to receive post-Reverse Stock Split shares or payment in lieu of fractional shares, if applicable. If a stockholder is entitled to post-Reverse Stock Split shares, a transaction statement will automatically be sent to the stockholder's address of record indicating the number of shares of our common stock held following the Reverse Stock Split.

Upon the Reverse Stock Split, we intend to treat stockholders holding our common stock in "street name," through a broker, bank or other nominee, in the same manner as registered stockholders whose shares are registered in their names. Brokers, banks or other nominees will be instructed to effect a reverse stock split for their beneficial holders holding our common stock in "street name." However, these brokers, banks or other nominees may have different procedures than registered stockholders for processing a reverse stock split. If you hold your shares with a broker, bank or other nominee and if you have any questions in this regard, we encourage you to contact your nominee.

Fractional Shares

We will not issue fractional shares in connection with the Reverse Stock Split. Instead, stockholders who otherwise would be entitled to receive fractional shares because they hold a number of shares not evenly divisible by the Reverse Stock Split ratio would be entitled to receive a cash payment in lieu thereof at a price equal to the fraction of a share to which the stockholder would otherwise be entitled multiplied by the closing price of our common stock as reported on Nasdaq on the effective date of the Reverse Stock Split.

No Appraisal Rights

No action is proposed herein for which the laws of the State of Delaware, or our sixth amended and restated certificate of incorporation, as amended, or our amended and restated bylaws, provide a right to our stockholders to dissent and obtain an appraisal of, or payment for, such stockholders' capital stock.

Accounting Matters

The Reverse Stock Split would not affect the per-share par value of our common stock, which would remain at \$0.0001 par value per share, while the number of outstanding shares of common stock would decrease in accordance with the Reverse Stock Split ratio. As a result, as of the effective time of the Reverse Stock Split, the stated capital attributable to common stock on our balance sheet would decrease, and the additional paid-in capital account on our balance sheet would increase by an offsetting amount. Following the Reverse Stock Split, the reported per-share net income or loss would be higher because there would be fewer shares of common stock outstanding, and we would adjust historical per share amounts set forth in our future financial statements.

Reservation of Right to Abandon the Amendment to our Restated Certificate of Incorporation, As Amended

Our board of directors reserves the right to abandon the amendment to our sixth amended and restated certificate of incorporation, as amended, described in this proposal without further action by our stockholders at any time before the effective time, even if stockholders approve such amendment at the special meeting. By voting in favor of the amendment to our sixth amended and restated certificate of incorporation, as amended, stockholders are also expressly authorizing the board of directors to determine not to proceed with and abandon the Reverse Stock Split if it should so decide.

Material U.S. Federal Income Tax Consequences of the Reverse Stock Split

The following discussion summarizes the material U.S. federal income tax consequences of the proposed Reverse Stock Split to us and to U.S. Holders (as defined below). This discussion is based on the Internal Revenue Code of 1986, as amended, which we refer to as the Code, U.S. Treasury Regulations promulgated thereunder, judicial decisions, and published rulings and administrative pronouncements of the U.S. Internal Revenue Service, which we refer to as the IRS, in each case in effect as of the date of this proxy statement. These authorities may change or be subject to differing interpretations. Any such change or differing interpretation may be applied retroactively in a manner that could adversely affect a U.S. Holder. We have not sought and will not seek any rulings from the IRS regarding the matters discussed below, and there can be no assurance that the IRS or a court will not take a contrary position to that discussed below regarding the tax consequences of the proposed Reverse Stock Split.

For purposes of this discussion, a "U.S. Holder" is a beneficial owner of our common stock that, for U.S. federal income tax purposes, is or is treated as (i) an individual who is a citizen or resident of the United States; (ii) a corporation (or any other entity or arrangement treated as a corporation) created or organized under the laws of the United States, any state thereof, or the District of Columbia; (iii) an estate, the income of which is subject to U.S. federal income tax regardless of its source; or (iv) a trust if (1) its administration is subject to the primary supervision of a court within the United States and all of its substantial decisions are subject to the control of one or more "United States persons" (within the meaning of Section 7701(a)(30) of the Code), or (2) it has a valid election in effect under applicable U.S. Treasury regulations to be treated as a United States person.

This discussion is limited to U.S. Holders who hold our common stock as a "capital asset" within the meaning of Section 1221 of the Code (generally, property held for investment). This discussion does not address all U.S. federal income tax consequences relevant to the particular circumstances of a U.S. Holder, including the impact of the Medicare contribution tax on net investment income. In addition, it does not address consequences relevant to U.S. Holders that are subject to special rules, including, without limitation, financial institutions, insurance companies, real estate investment trusts, regulated investment companies, grantor trusts, tax-exempt organizations, dealers or traders in securities, commodities or currencies, stockholders who hold our common stock as part of a position in a straddle or as part of a hedging, conversion or integrated transaction for U.S. federal income tax purposes, persons whose functional currency is not the U.S. dollar, persons who acquired their comment stock pursuant to the exercise of employee stock options or otherwise as compensation, or U.S. Holders who acquired to constructively own 10% or more of our voting stock.

If a partnership (or other entity treated as a partnership for U.S. federal income tax purposes) is the beneficial owner of our common stock, the U.S. federal income tax treatment of a partner in the partnership will generally depend on the status of the partner and the activities of the partnership. Accordingly, partnerships (and other entities treated as partnerships for U.S. federal income tax purposes) holding our common stock and the partners in such entities should consult their own tax advisors regarding the U.S. federal income tax consequences of the proposed Reverse Stock Split to them.

In addition, the following discussion does not address the U.S. federal estate and gift tax, alternative minimum tax, or state, local, and non-U.S. tax law consequences of the proposed Reverse Stock Split. Furthermore, the following discussion does not address any tax consequences of transactions effectuated before, after, or at the same time as the proposed Reverse Stock Split, whether or not they are in connection with the proposed Reverse Stock Split. This discussion should not be considered as tax or investment advice, and the tax consequences of the proposed Reverse Stock Split may not be the same for all stockholders.

Each stockholder should consult his, her or its own tax advisors concerning the particular U.S. federal tax consequences of the proposed Reverse Stock Split, as well as the consequences arising under the laws of any other taxing jurisdiction, including any state, local or foreign tax consequences.

Tax Consequences to the Company. The proposed Reverse Stock Split is intended to be treated as a "recapitalization" pursuant to Section 368(a) (1)(E) of the Code. As a result, we should not recognize taxable income, gain, or loss in connection with the proposed Reverse Stock Split.

Tax Consequences to U.S. Holders. A U.S. Holder generally should not recognize gain or loss upon the proposed Reverse Stock Split for U.S. federal income tax purposes, except with respect to cash received in lieu of a fractional share of our common stock, as discussed below. A U.S. Holder's aggregate adjusted tax basis in the shares of our common stock received pursuant to the proposed Reverse Stock Split should equal the aggregate adjusted tax basis of the shares of our common stock exchanged therefor (reduced by the amount of such basis that is allocated to any fractional share of our common stock). The U.S. Holder's holding period in the shares of our common stock received pursuant to the proposed Reverse Stock Split should include the holding period in the shares of our common stock exchanged therefor. U.S. Treasury Regulations provide detailed rules for allocating the tax basis and holding period of shares of common stock surrendered in a recapitalization to shares received in the recapitalization. U.S. Holders of shares of our common stock acquired on different dates and at different prices should consult their tax advisors regarding the allocation of the tax basis and holding period of such shares.

A U.S. Holder that, pursuant to the proposed Reverse Stock Split, receives cash in lieu of a fractional share of our common stock should recognize capital gain or loss in an amount equal to the difference, if any, between the amount of cash received and the portion of the U.S. Holder's aggregate adjusted tax basis in the shares of our common stock surrendered that is allocated to such fractional share. Such capital gain or loss will be short-term if the pre-Reverse Stock Split shares were held for one year or less at the effective time of the Reverse Stock Split and long-term if held for more than one year.

A U.S. Holder of our common stock may be subject to information reporting and backup withholding on cash paid in lieu of a fractional share in connection with the proposed Reverse Stock Split. A U.S. Holder of our common stock will be subject to backup withholding if such U.S. Holder is not otherwise exempt and such U.S. Holder does not provide its taxpayer identification number in the manner required or otherwise fails to comply with applicable backup withholding tax rules. Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be refunded or allowed as a credit against a U.S. Holder's federal income tax liability, if any, provided the required information is timely furnished to the IRS. U.S. Holders of our common stock should consult their own tax advisors regarding their qualification for an exemption from backup withholding and the procedures for obtaining such an exemption.

The U.S. federal income tax discussion set forth above does not discuss all aspects of U.S. federal income taxation that may be relevant to a particular stockholder in light of such stockholder's circumstances and income tax situation. Accordingly, we urge you to consult with your own tax advisor with respect to all of the potential U.S. federal, state, local, and foreign tax consequences to you of the proposed Reverse Stock Split.

The affirmative vote of a majority of the shares cast affirmatively or negatively at the special meeting is required to approve this proposal.

OUR BOARD OF DIRECTORS RECOMMENDS THAT STOCKHOLDERS VOTE TO APPROVE THE REVERSE STOCK SPLIT, AND PROXIES SOLICITED BY THE BOARD WILL BE VOTED IN FAVOR OF SUCH APPROVAL UNLESS A STOCKHOLDER INDICATES OTHERWISE ON THE PROXY.

Proposal No. 2

APPROVAL OF THE ADJOURNMENT OF THE SPECIAL MEETING TO A LATER DATE OR DATES, IF NECESSARY OR APPROPRIATE, TO SOLICIT ADDITIONAL PROXIES IF THERE ARE INSUFFICIENT VOTES TO ADOPT PROPOSAL NO. 1

If at the special meeting, the number of votes represented by shares of the common stock, present or represented and voting in favor of Proposal No. 1 is insufficient to approve the proposal or establish a quorum, our management may move to adjourn the special meeting in order to enable our board of directors to continue to solicit additional proxies in favor of the proposal.

In this proposal, we are asking our stockholders to authorize the holder of any proxy solicited by our board of directors to vote in favor of adjourning, postponing or continuing the special meeting and any later adjournments. If our stockholders approve the adjournment proposal, we could adjourn, postpone or continue the special meeting, and any adjourned session of the special meeting, to use the additional time to solicit additional proxies in favor of the proposal, including the solicitation of proxies from stockholders that have previously voted against the proposal. Among other things, approval of the adjournment proposal could mean that, even if proxies representing a sufficient number of votes against the proposal have been received, we could adjourn, postpone or continue the special meeting without a vote on the proposal and seek to convince the holders of those shares to change their votes to votes in favor of the approval of the proposal.

The affirmative vote of a majority of the shares cast affirmatively or negatively at the special meeting is required to approve the adjournment of the special meeting to a later date or dates, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt Proposal No. 1.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE TO APPROVE THE ADJOURNMENT OF THE SPECIAL MEETING TO A LATER DATE OR DATES, IF NECESSARY OR APPROPRIATE, TO SOLICIT ADDITIONAL PROXIES IF THERE ARE INSUFFICIENT VOTES TO ADOPT PROPOSAL NO. 1, AND PROXIES SOLICITED BY THE BOARD WILL BE VOTED IN FAVOR OF SUCH APPROVAL UNLESS A STOCKHOLDER INDICATES OTHERWISE ON THE PROXY.

OTHER MATTERS

Our board of directors knows of no other business which will be presented to the special meeting. If any other business is properly brought before the special meeting, proxies will be voted in accordance with the judgment of the persons named therein.

STOCKHOLDER COMMUNICATIONS TO OUR BOARD OF DIRECTORS

Generally, stockholders and other interested parties who have questions or concerns should contact our Investor Relations team at CRubin@neximmune.com. However, any stockholders and other interested parties who wish to address questions regarding our business directly with the board of directors, or any individual director, must prepare the communication in written from and mail or hand deliver the same to the following address:

ATTN: SECURITY HOLDER COMMUNICATION

Board of Directors

NexImmune, Inc.

9119 Gaither Road

Gaithersburg, MD 20877

Such communications should not exceed 500 words in length and must be accompanied by the following information:

- a statement of the (i) type and amount of the securities of the Company that the person holds or (ii) a description of the person's interest in the Company;
- any special interest, meaning an interest not in the capacity as a stockholder of the Company, that the person has in the subject matter of the communication; and
- the address, telephone number and e-mail address, if any, of the person submitting the communication.

The following types of communications are not appropriate for delivery to directors under these procedures:

- communications regarding individual grievances or other interests that are personal to the party submitting the communication and could not reasonably be construed to be of concern to security holders or other constituencies of the Company (such as employees, members of the communities in which we operate our businesses, customers and suppliers) generally;
- communications that advocate engaging in illegal activities;
- · communications that, under community standards, contain offensive, scurrilous or abusive content; and
- communications that have no rational relevance to the business or operations of the Company.

Communications will be distributed to the board, or to any individual director or directors as appropriate, depending on the facts and circumstances outlined in the communications. Items that are unrelated to the duties and responsibilities of the board may be excluded, such as:

- · junk mail and mass mailings;
- resumes and other forms of job inquiries;
- surveys; and
- solicitations or advertisements.

In addition, any material that is unduly hostile, threatening, or illegal in nature may be excluded, in which case it will be made available to any outside director upon request.

APPENDIX A

CERTIFICATE OF AMENDMENT

OF

SIXTH AMENDED AND RESTATED CERTIFICATE OF INCORPORATION

OF

NEXIMMUNE, INC.

NexImmune, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: The name of the corporation is NexImmune, Inc. (the "Corporation").

SECOND: The date of filing of the original Certificate of Incorporation of the Corporation with the Secretary of State of the State of Delaware was June 7, 2011, which Certificate of Incorporation was amended on January 10, 2017, December 28, 2017, January 8, 2019, November 27, 2019, January 14, 2020 and January 2021.

THIRD: The Board of Directors (the "Board") of the Corporation, acting in accordance with the provisions of Sections 141 and 242 of the Delaware General Corporation Law (the "DGCL"), adopted resolutions amending its Certificate of Incorporation as follows:

Paragraph A of Article Fourth of the Corporation's Sixth Amended and Restated Certificate of Incorporation is hereby amended to add the following at the end said Paragraph A, which shall read in its entirety as follows:

"Effective at 5:00 p.m., Eastern time, on the date this Certificate of Amendment to the Sixth Amended and Restated Certificate of Incorporation is filed with the Secretary of State of the State of Delaware (the "Effective Time"), each [INTENTIONALLY LEFT BLANK]* shares of the Corporation's Common Stock, par value \$0.0001 per share, issued and outstanding immediately prior to the Effective Time ("Old Common Stock") shall, automatically and without any action on the part of the Corporation or the respective holders thereof, be combined and reclassified into one (1) share of Common Stock, par value \$0.0001 per share, of the Corporation ("New Common Stock"). Notwithstanding the immediately preceding sentence, no fractional shares of New Common Stock shall be issued in the reclassification and, in lieu thereof, upon receipt after the Effective Time by the exchange agent selected by the Corporation of a properly completed and duly executed transmittal letter and, where shares are held in certificated form, the surrender of the stock certificate(s) formerly representing shares of Old Common Stock, any stockholder who would otherwise be entitled to a fractional share of New Common Stock as a result of the foregoing combination and reclassification of the Old Common Stock (such combination and reclassification, the "Reverse Stock Split"), following the Effective Time (after taking into account all fractional shares of New Common Stock otherwise issuable to such stockholder), shall be entitled to receive a cash payment (without interest) equal to the fractional share of New Common Stock to which such stockholder would otherwise be entitled multiplied by the closing sales price of a share of the Corporation's Common Stock (as adjusted to give effect to the Reverse Stock Split) as reported on The Nasdaq Capital Market on the date this Certificate of Amendment to the Sixth Amended and Restated Certificate of Incorporation is filed with the Secretary of State of the State of Delaware. Each stock certificate that, immediately prior to the Effective Time, represented shares of Old Common Stock shall, from and after the Effective Time, automatically and without any action on the part of the Corporation or the respective holders thereof, represent that number of whole shares of New Common Stock into which the shares of Old Common Stock represented by such certificate shall have been combined and reclassified (as well as the right to receive cash in lieu of any fractional shares of New Common Stock as set forth above); provided, however, that each holder of record of a certificate that represented shares of Old Common Stock shall receive, upon surrender of such certificate, a new certificate representing the number of whole shares of New Common Stock into which the shares of Old Common Stock represented by such certificate shall have been combined and reclassified, as well as any cash in lieu of fractional shares of New Common Stock to which such holder may be entitled as set forth above."

FOURTH: Thereafter, pursuant to a resolution by the Board, this Certificate of Amendment was submitted to the stockholders of the Corporation for their approval in accordance with the provisions of Section 211 and 242 of the DGCL. Accordingly, said proposed amendment has been adopted in accordance with Section 242 of the DGCL.

* This amendment approves the reverse stock split of the Corporation's common stock, at a ratio in the range of 1-for-4 and 1-for-50. By approving this amendment, the stockholders of the Corporation would be deemed to approve any ratio within the range referred to above.



TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:



VOTE BY INTERNET

Before The Meeting - Go to $\underline{www.proxyvote.com}$ or scan the QR Barcode above

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

During The Meeting - Go to [www.virtualshareholdermeeting.com/[]]

V23538-S71822

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

KEEP THIS PORTION FOR YOUR RECORDS

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.	DETACH	DETACH AND RETURN THIS PORTION ONLY			
NEXIMMUNE, INC.	For	Against	Abstain	\neg	
The Board of Directors recommends you vote FOR the following proposals:					
 To amend NexImmune, Inc.'s sixth amended and restated certificate of incorporation, as amended, to effect a reverse stock split at a ratio of not less than 1-for-4 and not greater than 1-for-50, with the exact ratio to be set within that range at the discretion of our Board of Directors. 					
	For	Against	Abstain		
2. To approve the adjournment of the special meeting to a later date, if necessary or appropriate, to solicit additional proxies if there are insufficient votes to adopt proposal No. 1.					
NOTE: Such other business as may properly come before the meeting or any adjournment thereof.					
Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer. Signature [PLEASE SIGN WITHIN BOX] Date Signature (Joint Owners)		D	ate		

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Important Notice Regarding the Availability of Proxy Materials for the Special Meeting of Stockholders

The Proxy Statement, the Notice of Special Meeting of Stockholders and Proxy Card are available at www.proxyvote.com.

V10540-P90071

NEXIMMUNE, INC.
Special Meeting of Stockholders
[], 2023 AT [] EST
This proxy is solicited by the Board of Directors

THE UNDERSIGNED APPOINTS KRISTI JONES AND JOHN TRAINER AND EACH OF THEM (THE "PROXIES"), AS PROXIES OF THE UNDERSIGNED, WITH THE FULL POWER OF SUBSTITUTION, AND AUTHORIZES EACH OF THEM TO REPRESENT AND VOTE, AS DESIGNATED ON THE REVERSE HEREOF, ALL OF THE SHARES OF COMMON STOCK OF NEXIMMUNE, INC., HELD OF RECORD BY THE UNDERSIGNED AT THE CLOSE OF BUSINESS ON [], 2023 AT THE SPECIAL MEETING OF STOCKHOLDERS OF NEXIMMUNE, INC. TO BE HELD AT [] EST ON [], 2023 VIA LIVE AUDIO WEBCAST OR AT ANY ADJOURNMENT OR POSTPONEMENT THEREOF.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" EACH PROPOSAL 1 AND PROPOSAL 2. THIS PROXY, WHEN PROPERLY EXECUTED, WILL BE VOTED AS SPECIFIED ABOVE. THIS PROXY REVOKES ALL PRIOR PROXIES GIVEN BY THE UNDERSIGNED. THIS PROXY WILL BE VOTED AS DIRECTED OR IF NO SPECIFICATION IS MADE AND THIS PROXY IS RETURNED, THIS PROXY WILL BE VOTED FOR PROPOSAL 1 AND FOR PROPOSAL 2.

IN THEIR DISCRETION, THE PROXIES ARE AUTHORIZED TO VOTE UPON SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE MEETING OR AT ANY ADJOURNMENT OR POSTPONEMENT THEREOF.

PLEASE SIGN, DATE AND MAIL THIS PROXY CARD TO THE COMPANY PROMPTLY.

Continued and to be signed on reverse side